FIREWALL

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WL 1000 GF
Technical Manual

Index

Machine Overview

WATERLOGIC 1000 GF

The WL1000 GF is available in the following option:

- Freestanding Cold, Hot and Ambient with Reverse Osmosis (RO) Filtration.

COLD TANK CAPACITY (4 Litres)

The cold tank is manufactured from 304 Stainless Steel which is noncorrosive and inert. The temperature of the Cold Tank is controlled by a mechanical thermostat located on the rear panel of the machine and can be set between 3°C and 12°C. We recommend the cold water is set at 5°C, which is the factory setting and is the ideal temperature for a cold drink. The set point for the thermostat is marked with a black dot.

HEADER STORAGE TANK (11.5 Litres)

The plastic header tank has a capacity of 11.5 litres of purified water. This tank can be drained and removed from the machine for cleaning. It is made with Biocote additive to inhibit any bacteria growth.
The level of the header tank is controlled by an electrical float switch which controls the inlet solenoid valve and Reverse Osmosis System. There is a mechanical float valve to control any tank overfill and gives an overfill failsafe feature.

HOT TANK (1.5 Litres)

The hot tank has a capacity of 1.5 litres and is made of stainless steel. The water temperature is controlled by a Mechanical Thermostat and is factory set at 85°C. A thermal high temperature cut out is fitted to the Hot Tank and the tank has a 500 Watt immersed heating element. The high temperature cut out has a manual reset button, please isolate the power before resetting. The hot water tank is a sealed unit.

REVERSE OSMOSIS FILTERS

The filtration system is a 4-stage system, consisting of sediment, pre-carbon, Reverse Osmosis membrane, and post carbon filters.

REVERSE OSMOSIS WATER PUMP

The 1000 GF is fitted with a water pump and pressure switch to ensure a constant pressure across the RO membrane. If the input water pressure falls below 1.5 bar then the water pump will not run. The water pump outlet pressure is 60 PSI allowing the membrane to meet 50GPD water production

UV LAMP

The UV light is an 8 Watt germicidal lamp at a wavelength of 253.7 NM, which is very efficient at destroying bacteria in water. The UV lamp is situated in the cold tank surrounded by a quartz sleeve. The lamp must be replaced at 6 months intervals, and the quartz sleeve cleaned.

PCB

The PCB (Printed Circuit Board) is the indicator and pump control unit for the WL GF1000, the display (at the top of the GF1000) informs the user of the status of the unit. There are three different LED lights on the display PCB showing power on, heating, or cooling status of the machine.

COMPRESSOR

The compressor operates at 220-240V at 50Hz. It uses 75 grams of R134a non-Ozone depleting refrigerant gas. Do not place the machine too near a heat source as it will affect the compressor efficiency.

WATER PIPE AND FITTINGS

The inlet water pipe adaptor and the internal water circuit pipe sizes are 1/4”, 5/16” and.3/8”. The entire internal water circuit and all the components which come in contact with water are food grade approved.

INLET WATER VALVE

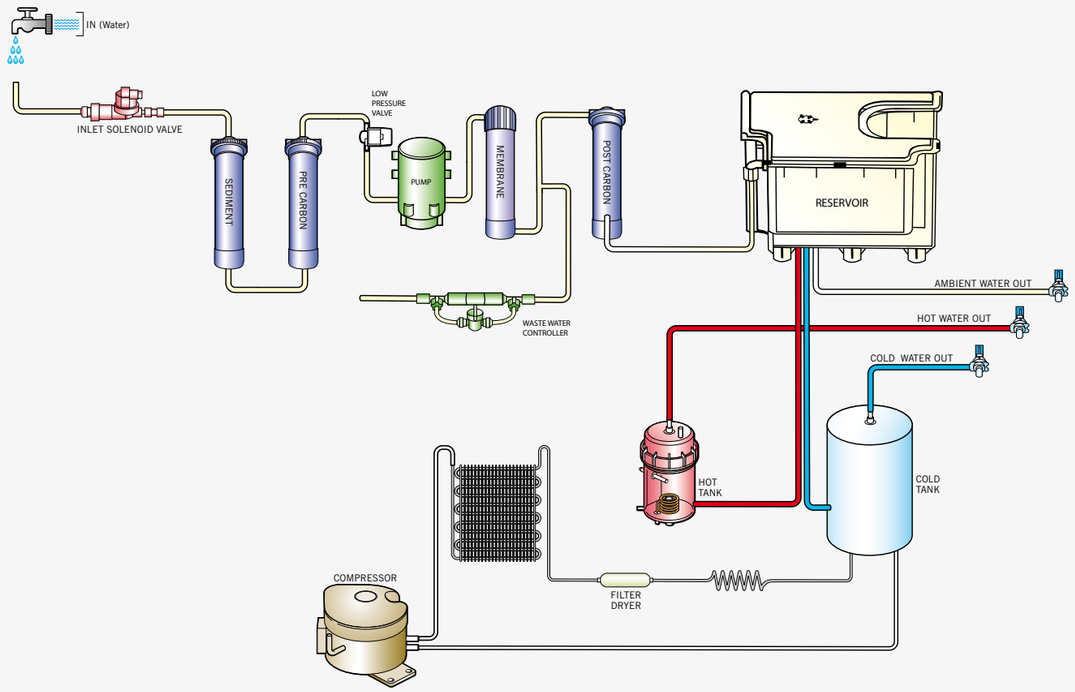
The inlet of water to the machine is controlled by means of a 230V AC electrical solenoid valve. The valve is energized by the header tank electrical float switch. There is also a leak detection float switch located in the base leak catchment tray of the machine that will cut electrical power to the inlet solenoid valve should there be a internal water leak. The inlet valve comes with a pipe reduction fitting to allow a ¼” pipe connection.

PLASTIC PANELS

The moulded panels are made from recyclable ABS plastic. All the ABS plastic panels are UV resistant and meet the standards of CE and UL. Please note that the 1000 GF should not be exposed to direct sunlight. Placing the 1000GF in direct sunlight from a window, close to a radiator, or in a room of high ambient temperature, will affect the efficiency of the refrigeration circuit.

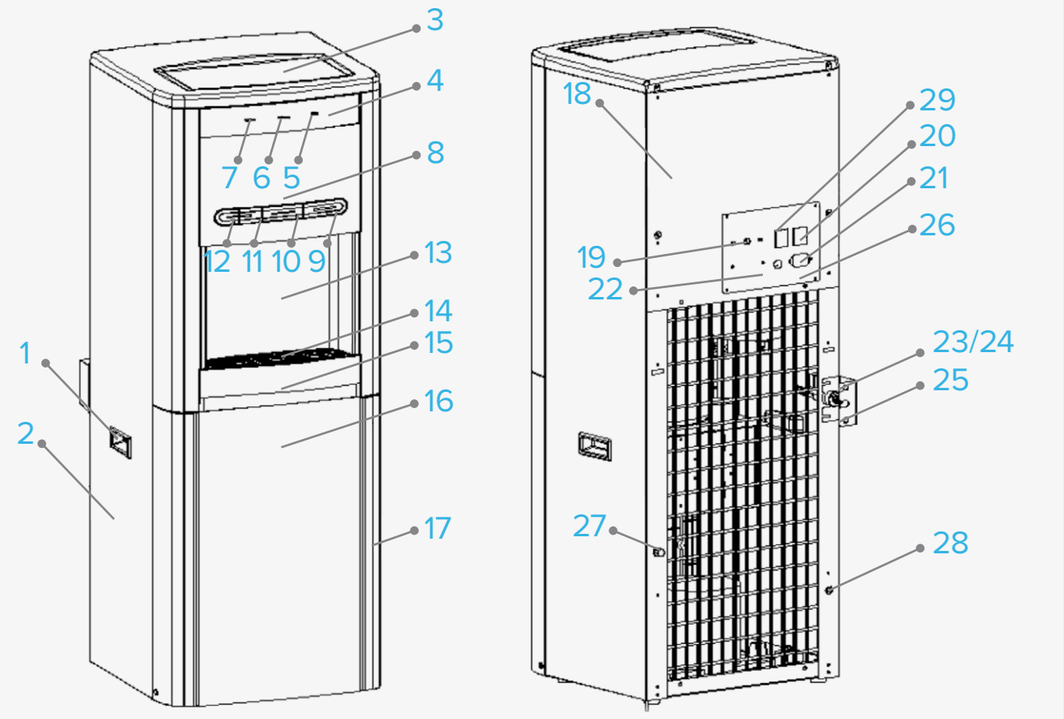
Filter Parts Layout

Hot, Cold and Ambient



Main Parts Layout

Hot, Cold and Ambient

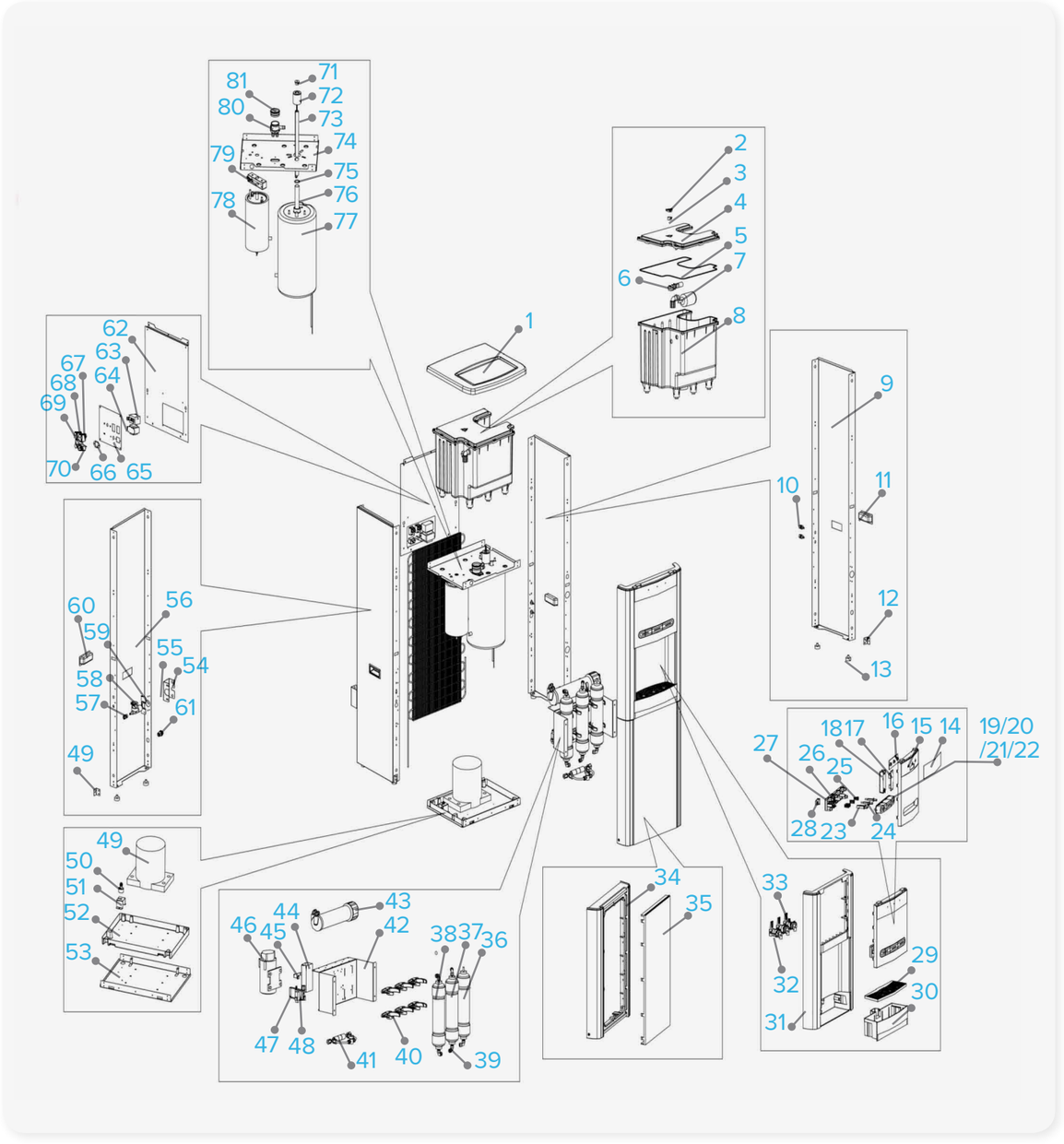


Item	Description
1	Handle
2	Side Panel
3	Top cover
4	LED label
5	Power indicator
6	Chilling indicator
7	Heating indicator
8	Front Hatch panel
9	Ambient push button
10	Cold water push button
11	Hot water push button
12	Hot safety push button
13	Drip tray insert panel
14	Drip tray grill
15	Drip tray body

Item	Description
16	Front down insert panel
17	Front down panel
18	Back panel
19	Thermostat
20	Power Switch
21	Socket
22	Fuse holder
23	Solenoid valve
24	JG fitting adaptor
25	GF insert solenoid valve cover BKT
26	GF Back panel access to electrical service
27	Cold Water Drain
28	Hot Water Drain
29	Heater/Comp Switch

Main Parts Layout

Hot, Cold and Ambient

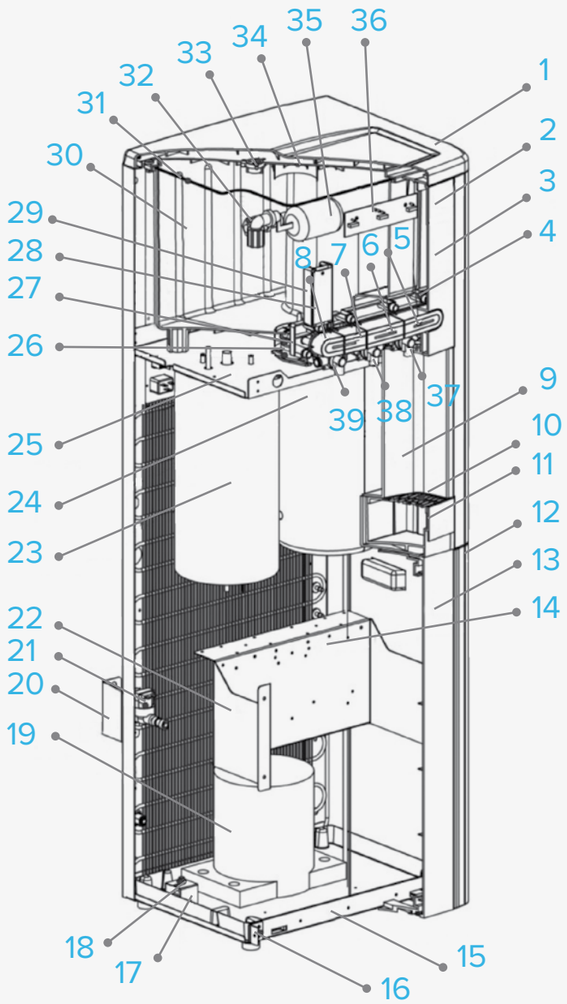


Item	Part Number	Description
1	Pl-1254	Top Cover
2	Pl-1290	Carbon Air Filter Cap
3	Pu-4108	Carbon Air Filter
4	Pl-1259	Reservoir Cover
5	Pu-4099	Reservoir Seal-Silicon
6	Pu-4100	Water Level Control
7	Pu-4097	Mechanical inlet valve
8	Pl-1258	Reservoir
9	St-8212	Side Panel-Right
10	Ct-2031	Drain
11	Pl-1123	Plastic Handle Silver
12	St-8229	Lower Panel Fixing BKT
13	St-8016	Foot
14	Lp-7180	LED Label
15	Pl-1257	Front Hatch
16	En-6112	Main PCB
17	En-6114A	Sub PCB
18		Sub PCB Cover
19	Pl-1264	Ambient Push Button
20	Pl-1263	Cold Water Push Button
21	Pl-1262	Hot Water Push Button
22	Pl-1265	Hot Safety Button
23	Pl-1266	Hot Safety Push Pin
24	Pl-1268	Faucet Pin
25	Cst-8326	Spring - for push Button
26	Pl-1269	Push Button BKT
27	Cst-8327	Spring for Hot water lock
28	Pl-1267	Hot Water Safety Lock
29	Pl-1270	Drip Tray Grill
30	Pl-1211-A	Drip Tray Body
31	Pl-1255	Front Upper Panel
32	Pl-1260A	Hot water Faucet
33	Pl-1260C	Cold & Ambient faucet
34	Pl-1256	Front Down Panel
35	Pl-1149A	Front Down Panel Insert
36	Ro-005A	Post-Carbon Micro filter
37	Ro-002A	Pre-Carbon Micro filter
38	Ro-001A	Sediment Micro filter
39	Ro-008	Elbow Fitting 1/4' to1/4'
40	Pu-4024	Clip 3'
41	Ro-011B	Flow Restrictor Micro
42	ST-8206A	RO BKT
43	RO-0023	Inline RO 50GPD Micro filter
44	RO-012	Adapter

Item	Part Number	Description
45	RO-017	Adapter BKT
46	CT-2035D	RO Water Pump
47	ST-8254	Low Pressure Valve BKT
48	RO-013A	Low Pressure Valve Micro
49	CO-9001B	Compressor 230V
50	PU-4100B	GF Level Sensor
51	ST-8232	GF Level Sensor BKT for Leak
52	PL-1292	GF Leak Tray
53	ST-8035	Down Base
54	ST-8233	Cover of Inlet SV
55	PU-4104	JG Adaptor 1/4" for inlet solenoid valve
56	ST-8212	Side Panel-Left
57	/	/
58	PU-4095	Inlet Solenoid Valve 230V
59	ST-8214	Inlet Solenoid Valve Bracket
60	PL-1123	Plastic Handle Silver
61	/	Bulkhead Fitting 1/4' to 1/4'
62	ST-8210	Back Panel
63	EL-5044CN	Chinese Ballast with metal cover
64	CT-2070	Thermostat for GF Cold Tank
65	ST-8230A	Access panel for electronics
66	ST-8052	Power Socket BKT
67	EL-5004	Red Switch
68	EL-5005	Green Switch
69	EL-5053	Fuse Holder & Fuse
70	EL-5029	Power Socket
71	CT-2001-B	UV Lamp Fixing Rubber (Silicon)
72	PL-1128	UV Lamp Retaining Threaded Nut
73	CT-2001	UV Lamp
74	ST-8211	Upper Base
75	CT-2006	O - Ring
76	CT-2002	Quartz Sleeve
77	CT-2069	Cold Tank
78	HT-3029	Hot Tank
79	ST-8120	Hot Tank BKT
80	PL-1261	Water Inlet Port to tank
81	PU-4109	Silicon Seal of Water Inlet Port

Main Parts Layout

Hot, Cold and Ambient



Item	Description
1	Top Cover
2	LED Cover label
3	Front hatch
4	Faucet BKT
5	Ambient Water Push Button
6	Cold Water Push Button
7	Hot Safety Push Button
8	Hot Water Push Button
9	Front Upper Panel
10	Drip tray Grill
11	Drip Tray body
12	Front Down Panel
13	Front Down Panel Insert
14	Filter Head
15	Down Base
16	Front Down Panel Fixing BKT
17	GF Level sensor BKT for Leak
18	Level sensor BKT for Leak
19	Compressor
20	Cover of Inlet SV
21	Inlet Solenoid Valve (washing Machine Inlet) GF
22	Culligan Filter BKT
23	Hot Tank
24	Cold tank
25	Upper Base
26	Water Inlet port to tank
27	Silicon Seal of Water inlet Port
28	Sub PCB
29	Sub PCB Cover
30	Reservoir
31	Reservoir Seal Silicon
32	Electrical water Level Control
33	Carbon Air Filter Cap
34	Reservoir Cover
35	Mechanical Water Level Control
36	Main PCB
37	Ambient Water Faucet
38	Cold Water Faucet
39	Hot Water faucet

Pre Delivery Inspection Procedures (Pdi)

CAUTIONS:

Only competent trained technicians should work on Waterlogic products.
Waterlogic units may weigh over 25KG. We recommend caution when lifting.
Packing materials could present a trip hazard. Keep them off the floor.
Take care not to allow the power lead to get wet. Do not wet test the filters and membrane if the machine is to be stored or transported for more than 7 days after Pre Delivery Inspection.

Flush carbon filters outside of the machine do not flush carbon fines into the machine.

1. Remove packing straps and unpack unit and visually inspect for any damage. (Report any defects to Waterlogic as soon as possible).

2. Place the unit on a suitable flat surface.

3. Open the top cover by removing the 2 screws located at the rear of the top cover.

4. Visually inspect all electrical connections and power lead.

5. Visually inspect all water connections and the header tank is located correctly.

6. Remove the lower front panel located by undoing two locking screws on the left and right side of the lower front panel and releasing two locating clips on the front underside of the lower front panel inspect electrical connections, water connections, and that the filters and RO membrane are located correctly.

7. Connect to a potable drinking water supply limited to 3 bar, via a 1/4” John Guest tube and adapter.

8. Connect the reject water drain tube to a suitable waste away or re-use system.

9. Ensure the red switch at the rear of the machine is off now connect to an appropriate power supply.

10. Turn on water supply and turn on the power supply.

11. Flush the carbon filters outside of the 1000 GF to waste before filling the machine.

12. The unit will automatically fill the header water tank.

13. Note the hot tank will automatically fill but the cold water faucet must be held in to fill the cold tank.

14. Select the cold button and ambient button until water flows clearly.

15. Select hot + hot safety button until water flows clearly.

16. After cold/hot water has filled, turn on the green and the red heater/compressor switches. Allow up to one hour for the unit to heat and chill. Test the water temperatures with a thermometer.

17. Check WL 1000 GF functions correctly.

18. Turn off power and water.

19. Turn unit around and drain all the water from the machine from rear drain valves.

20. Clean and repack ready for despatch.

21. Waterlogic recommends that all units are fully electrically safety tested (PAT) on site by the commissioning engineer as damage may have occurred during transit to the unit’s final destination.

Installation Procedure

IMPORTANT NOTICE

This procedure should only be carried out by a technician trained by waterlogic international or by an approved distributing agent.
Note: this appliance is intended for indoor use only. Cleaning of waterlogic products should not be carried out using a jet washer.

1. Remove the 1000 GF from the packing box and inspect the unit for transit damage.

2. Mount the WL 1000 GF on a firm flat surface so that it cannot topple or fall over. Ensure there is an air gap around the machine to allow the refrigeration circuit to function correctly.

3. It is advisable that the water and electricity supply are within two meters of the WL 1000 GF and that the water isolation valve and power supply are accessible. The WL 1000 GF should not be installed using an extension lead. The water supply should be from a potable source.

4. Open the top cover by removing the screws at the rear and lift the top cover off from the rear.

5. Remove the lower front panel. The lower front panel is secured in place by two locking screws on the left and right side of the panel and two locking clips under the front lower panel.

6. Inspect the water connection and the electrical connections in case they have become loose in transit.

7. Connect the water supply. All water sources should be potable. Allow the water supply to run clear of any sediment before connecting to the WL 1000 GF. The minimum pressure for the WL 1000 GF to function correctly is 22.5 PSI (1.5 bar). The ideal pressure is 45 PSI. The maximum pressure is 60 PSI.

8. Check the electrical wall socket (polarity) and then make the electrical connection to the WL 1000 GF by plugging the power lead in to the socket on the rear of the WL 1000 GF. Then connect to the electrical feed wall power outlet and turn on the power supply to the WL 1000 GF.

9. The WL 1000 GF will start to automatically fill with water (please note carbon filters should be pre-flushed before commissioning the WL 1000 GF so that excessive carbon fines do not get into the WL 1000 GF RO membrane, tanks and solenoids). Back flush the RO membrane to waste for 10 litres to clean the membrane. After back flushing the RO membrane and the WL 1000 GF stops filling, flush 10 litres of water through the WL 1000 GF by depressing the cold, ambient and hot buttons. Turn on the green heater and compressor switches (rear) and the WL 1000 GF will start to heat and cool.

10. The water temperature of the WL 1000 GF is factory set at 5°C for still cold water and 85°C for hot water. The cold water temperature can be adjusted – the hot water is non-adjustable.

11. Carry out a visual inspection for any water leaks.

12. Replace any covers and now test the water for taste. Any hint of plastic taste in the water means the WL 1000 GF needs to be flushed with an additional 10 litres of water.

13. The WL 1000 GF should be sanitised at installation (see instructions).

14. The WL 1000 GF must not be installed in direct sunlight, adjacent to a heat source, or in an ambient room temperature above 30°C or below 5°C.

INSTALLATION KIT

Waterlogic recommend that you use a Waterlogic installation kit that includes a pressure reducer set to 45 PSI, a non-return valve, a Waterlogic block leak shut off and this Technical Manual. Allow 1 hour to complete installation.

- The WL 1000 GF must be installed according to the local guidelines.
- Waterlogic strongly recommend that a pressure reducing valve set at 3 bar and a non-return valve be used on all WL 1000 GF installations.
- The WL 1000 GF should not be connected to water supplies of unknown bacterial quality or those not already fit for human consumption.
  The WL 1000 GF should only be connected to a Potable drinking water supply.
- The pre-sediment and carbon filters on the WL 1000 GF must be changed every 6 months.
- The UV lamp on the WL 1000 GF must be changed every 6 months.
- The cold tank and header tank should also be flushed and sanitised every 6 months.
- Waterlogic International strongly recommends the use of an anti-flood device.
- Figure 1 is the recommended installation kit.

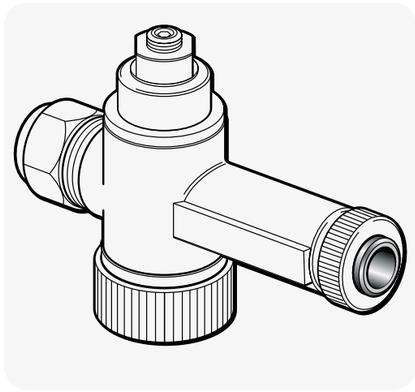


Fig 1. Waterlogic Installation Kit

Operating Instructions

Dispensing your choice of water is very simple, as follows:

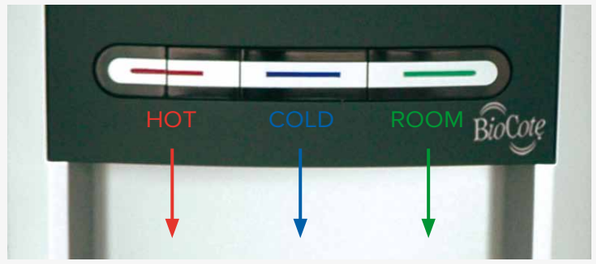
1. Place your cup under the required faucet in the dispensing area

2. Select the type of water you wish to be dispensed and press the corresponding button.

3. Keep the button depressed until your cup has reached the desired level, and then release the button.

4. Whist the dispense button is depressed water will flow until the button is released.

There are 3 faucet points on the 1000 GF. The cup must be placed under the correct faucet before pushing the coloured dispensing button.



COLD WATER

Push Main button, LED shows green, it dispenses cold water.

AMBIENT WATER

Push Ambient button LED shows red, Push main button it dispenses ambient water.

HOT WATER ⚠

Push hot water button LED shows red, Push Main button, it dispenses hot water

HOT WATER CAUTION

- Always place cup / mug in the centre of the drip tray.
- Always use a ceramic cup or a cup suitable for use with hot water.
- Do not hold cup or place hands in dispensing area whilst dispensing water.
- Do not dispense water in a stop start style of vending
- (Hold the button continuously until cup is full).
- Never try to fill more than one vessel at a time.

Maintenance and Servicing

6 MONTH SERVICE PROCEDURE

This procedure should only be carried out by persons trained by Waterlogic International or their approved distributors. The following instructions covers the model Hot, Cold, Ambient water. Please remember that carbon filters must be flushed outside of the machine to waste before connecting to the 1000 GF.

- Every six months the Reverse Osmosis must be back flushed to waste, the carbon & sediment filters and UV lamp must be changed. The Reverse Osmosis Membrane must be changed every 24 months.
- The quartz sleeve must be removed, checked and cleaned every six months. If you remove the quartz sleeve from the cold tank you will need to drain the header tank first as the tank will still be pressurised from the head of water stored in the tank
- The 1000GF header tank should be inspected and removed and cleaned at 6 months
- No paperwork or cleaning records should ever be stored inside the 1000GF.

1. Isolate the power to the WL 1000 GF by turning off the green and red switches at the rear of the WL 1000 GF and by removing the power cord.

2. To access the Reverse Osmosis filters remove the lower front panel.

3. The 4 stage Reverse Osmosis filters are at the front of the machine mounted on the filter bracket. All the filters are in-line, mounted in filter clips with push fit pipe connecters. When changing the carbon filters please pre-flush to waste outside the machine. It is important that no carbon particles enter the machine or block the Reverse Osmosis membrane. Replace the sediment filter, the pre-carbon filter, and the post carbon filter.

4. Drain and inspect the header tank. Remove the tank and clean it.

5. Remove the UV lamp and quartz sleeve. Clean the quartz sleeve; inspect the black o-ring for damage.

6. To sanitise the cold tank introduce sanitisation fluid or a Chlorine tablet through the UV port directly into the cold tank before putting the quartz sleeve back in place.

7. Refit the quartz sleeve and replace the UV lamp and reconnect the UV loom. Do not touch the UV lamp with your bare hands as this will shorten the lamp life.

8. Refit the header tank and inspect all water connections and turn on the power and water.

9. Back flush the Reverse Osmosis Membrane.

10. Check that the Reverse Osmosis rejected water drain flows freely; any blockage will cause damage to the membrane. The machine will start to re-fill when the back flush valve is closed

11. Carry out a visual inspection of the WL 1000 GF water and electrical connections and components and take any remedial action required to prevent a fault. Clean the refrigeration condenser grill if required.

12. Make sure there is a 5cm air gap around the machine and is free from any obstructions.

13. Turn on only the Green switch at the rear of the WL 1000 GF.

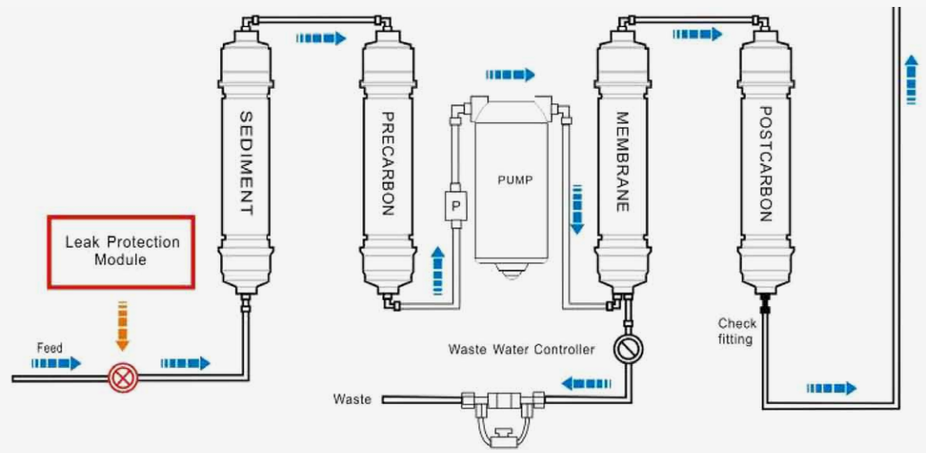
14. Flush only the cold and ambient water for 5 litres to generate the filters and all traces of Sanitizer has been removed. This can be checked by using Chlorine test strips. Then flush the hot tank to ensure it is full of water and then turn on the red switch at the rear of the WL 1000 GF. The unit will now heat and cool.

15. Replace the top cover and lower front panel and wipe the outside surfaces (nonabrasive cleaner), and clean the drip tray.

16. Taste the water, and test that the WL 1000 GF functions to the customer's satisfaction. Should there be any taste issues with the water then flush the WL 1000 GF again.

SPECIFICATIONS:

- Leak protection
- Pre-Sediment Filter
- Pre-Carbon Filter
- Low Pressure Switch
- Water Pump
- Reject Water Flow Controller
- Manual Back Flush By-Pass Valve
- RO Membrane 50GPD
- Post Carbon Filter



SANITISING

6 Month Sanitisation Procedure

Please ensure that you do not accidentally drop sanitizer fluid on any of the WL 1000 GF's water or electrical connections or allow sanitizer to enter the hot tank.

1. Turn off the water supply and isolate the power to the WL 1000 GF and remove the machine top cover and the lower front panel.

2. Remove the header tank cover.

3. Carefully drop one Chlorine tablet into the header tank and allow it to dissolve.

4. Flush the cold water and the ambient water until Chlorine is observed dispensing from the cold and ambient faucets. Please do not flush the hot water. Chlorine water must not enter the hot tank.

5. Allow the Chlorine to have at least 20 minutes contact time with the cold tank, the water pipes and faucets. This time could be used to carry out any service work required on the machine.

6. Turn on the power and water to the machine. The machine will start to auto fill the header tank.

7. Flush the cold water and ambient water until all traces of Chlorine are removed. Chlorine test strips can be used to verify this.

8. Replace the top header tank cover, the machine top cover and the machine front lower panel.

9. Clean all outside surfaces of the machine, including the front water dispensing area. Remove and clean the WL 1000 GF's drip tray and grill.

FAULT FINDING

All fault finding procedures must be carried by a technician trained by Waterlogic International or their nominated distributor.

Please take great care and suitable health and safety measures when fault finding on live electrical parts.

1. No flow of water: Ensure that there is a water supply to the WL 1000 GF from the building and that the installation isolation valve is turned on. If the installation kit has an anti-leak device included in it (as Waterlogic Installation kit) then make sure it has not tripped.

2. No flow of water: Check that the water filters and membrane are not blocked and that they are in date and are fitted securely into the 1000GF. Waterlogic recommend filters are changed at 6 months. Check that the internal leak detection tray has not filled with water as this will turn off the water inlet valve.

3. The hot water is not hot and cold water is not cold: Make sure the green and red heater and compressor switches are turned on. Check that the machine power indicator light is on.

4. There is hot water flow but cold water is not flowing: This may be due to the cold water tank being frozen. If so, disconnect power supply for one hour to allow the tank to defrost, and then flush the cold water system. Check the cold thermostat settings are correct (5°C). If the cold tank is not frozen then check the mechanical water outlet faucet valve is operating correctly the water flows through it.

5. There is cold water flow but hot water is not flowing: Check the pipes feeding the hot water tank, check the mechanical water outlet faucet valve is operating and the water flows through it.

6. Low flow of cold water or hot water or both: Check the building water pressure to the WL 1000 GF is 45 PSI. Check that the Reverse Osmosis pump is running and that the filters or membrane are not partially blocked. Also check that the inlet solenoid functions, that the mechanical float valve is functioning correctly, the header tank is full and water flows in to the hot and cold tank. During excessively high machine usage the header tank water level may be low and this can affect the water flow. Please remember that the Reverse Osmosis system will need time to refill the header tank. Check the outlet mechanical water faucet valves and the feed pipe to them is not kinked.

7. Bad or plastic taste: If the WL 1000 GF is new it may need flushing for a longer period.

8. Water leaks: Most leaks will be detected by either the internal WL 1000 GF leak detection system that will trigger or turn off the inlet solenoid valve, or it will trip the Waterlogic block located on the installation kit. Should you see water leaking from the WL 1000 GF, isolate the supply and start normal fault finding procedures.

9. No power: Check the building electrical supply to the WL 1000 GF is on and that the power cord is plugged in. Ensure the power indicator light of the WL 1000 GF is on. Test the WL 1000 GF fuse. Start normal electrical fault finding procedures using the electrical circuit diagram.

10. Water pump won't run: The Reverse Osmosis water pump will not run or it will keep turning on and off if the water pressure drops below 1.5 bar.

11. Not Chilling: Check the ambient room temperature: if it is above 32 °C the refrigeration system will not function.

Technical Specifications and Warranties

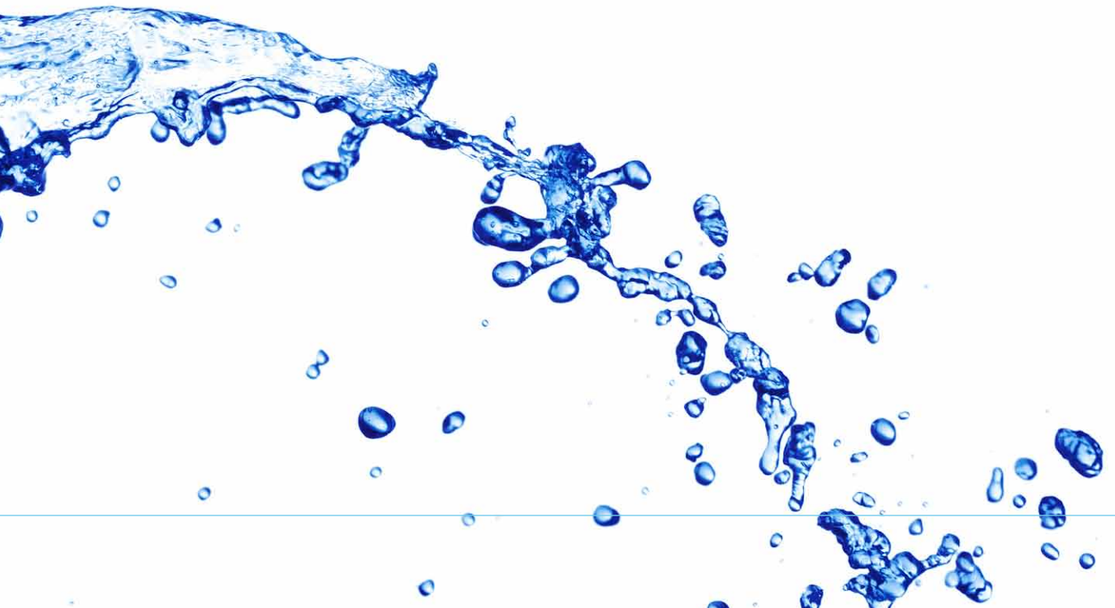
SAFETY

Subject to the standard terms and conditions of sale (a copy of which has been provided to you), neither Waterlogic International Limited (“Waterlogic”), nor any affiliated companies shall be liable for any damage which could affect, directly or indirectly, any person or property.

Please be aware that any warranties accompanying the sale of our products will be invalidated by any of the following:

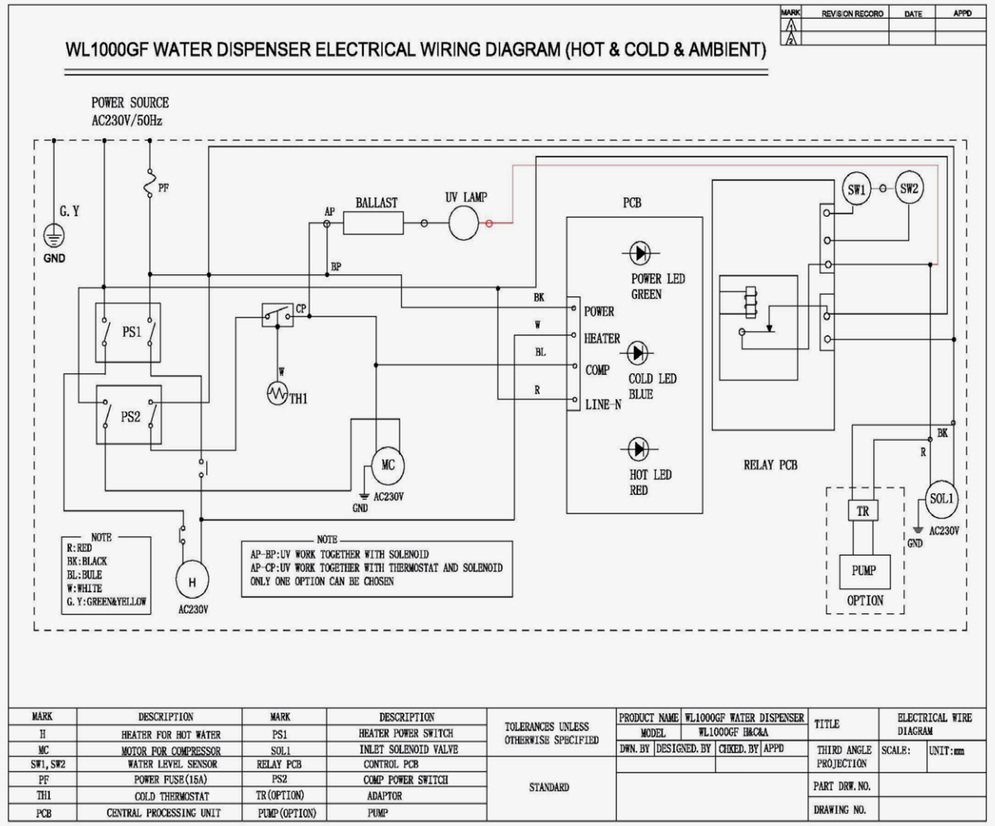
- Incorrect installation
- Incorrect use of the WL 1000 GF
- Unsuitable electrical and water supply
- Major short-coming of maintenance
- Technical interventions or alterations of an unauthorised nature
- Adoption and use of unapproved spare parts
- Engagement of untrained personnel

Waterlogic has a policy of constant and continual improvement and therefore reserves the right to change specifications without prior notice, other than in the case of significant changes.



Main PCB Schematic Diagram

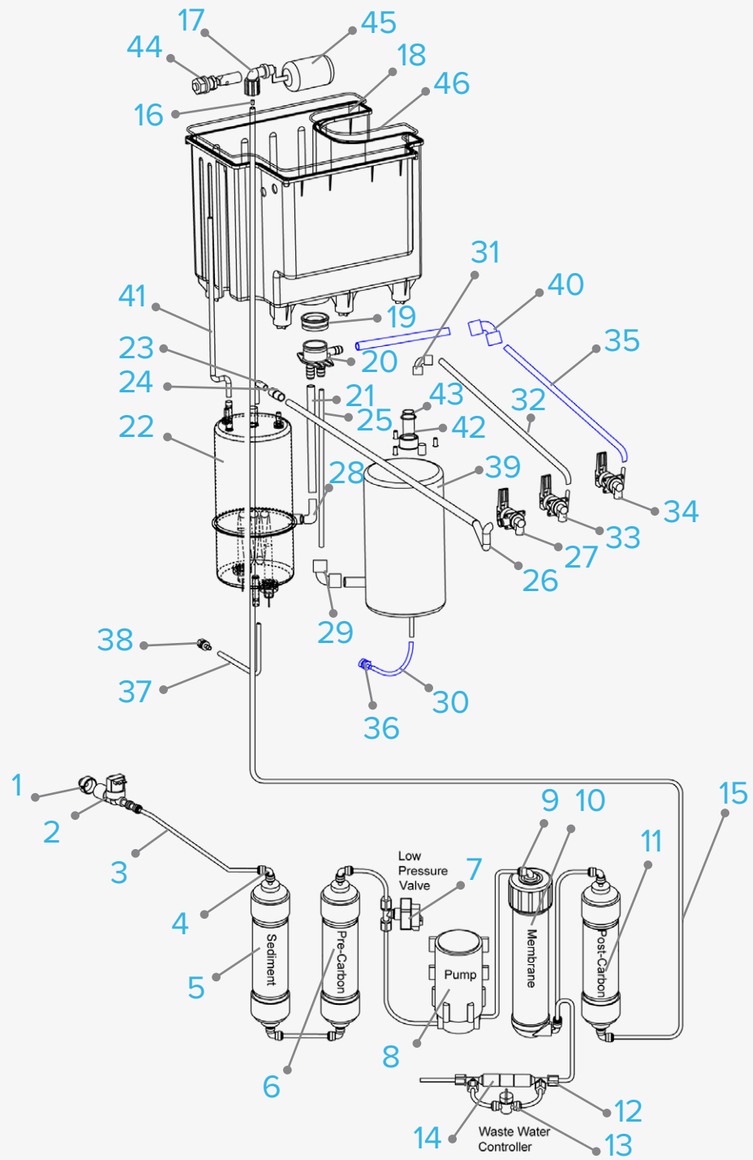
Hot, Cold and Ambient



DANGER HIGH VOLTAGES PRESENT ON THIS PCB
CARE MUST BE TAKEN WHEN LIVE TESTING

Wetted Parts Illustration

Hot, Cold and Ambient



Item	Part Number	Description
1	PU-4104	JG Adaptor 1/4" (CI320816S) for inlet solenoid valve
2	PU-4095	Inlet Solenoid valve 220V (Washing machine Inlet) GF
3	PU-4031	JG LLD PE Tube - Blue O.D.1/4"
4	RO-0008	1/4" * 1/4" Equal Elbow
5	RO-0001A	Sediment Filter Micro
6	RO-0002A	Pre-Carbon Micro
7	RO-0013A	Low Pressure Switch Mirco
8	CT-2035D	Water Pressure AQ&Q Pump (DC24)
9	RO-0008	1/4" * 1/4" Equal Elbow
10	RO-0003-A	RO Housing Micro
	RO-0004-B	RO Membrane Micro
11	RO-0005A	Post Carbon Micro
12	RO-0010A	Flushing-Valve Micro
13	RO-0009A	T-connect Micro
14	RO-0011B	Flow Restrictor Micro
15	PU-4031	JG LLD PE Tube - Blue O.D.1/4"
16	PU-4116	JACO fitting OD 1/4" (P-P-4)
17	PU-4098	Floater fitting & Nut for Gravity
18	PL-1258	Gravity Fed Plastic Reservoir Transparent 3Gallon PP
19	PU-4109	Silicon Seal for Gravity water inlet port to the tanks WITH BIOCOTE
20	PL-1261	Gravity Water Inlet Port to Tank
21	PU-4126KR	DeaMyung PE 1/2"Pipe
22	HT-3030	GF Hot Tank Ass'y 1.5 Liter220V 500w
23	PU-4112	Gravity Silicon Pipe 48.5*155 Elbow WITH BIOCOTE
24	PU-4101	PP Straight Connector for Silicon Pipe
25	PU-4126KR	DeaMyung PE 1/2"Pipe

Item	Part Number	Description
26	PU-4112	Gravity Silicon Pipe 48.5*155 Elbow WITH BIOCOTE
27	PL-1260A	Gravity Faucet Assy (Left Inlet-Hot) (POM & Silicon Assy) WITH BIOCOTE
28	PU-4110	Gravity Silicon Pipe 25*40 Elbow (w/o Biocote)
29	PU-4141	1/2" Equal elbow fitting Seahan
30	PU-4014	JG LLDPE Tube - Blue 8mm
31	PU-4141	1/2" Equal elbow fitting Seahan
32	PU-4126KR	DeaMyung PE 1/2"Pipe
33	PL-1260-C	Gravity Faucet Assy (Right Inlet) (ABS & Silicon Assy) WITH BIOCOTE
34	PL-1260-C	Gravity Faucet Assy (Right Inlet) (ABS & Silicon Assy) WITH BIOCOTE
35	PU-4126KR	DeaMyung PE 1/2"Pipe
36	CT-2031	Drain Valve & Cap Ass'y 5/16"
37	PU-4064	Silicon Tube 5/16" for hot water
38	CT-2031	Drain Valve & Cap Ass'y 5/16"
39	CT-2068	GF UV Cold Tank Ass'y 4Liter with UV Holder but w/o T/C
40	PU-4141	1/2" Equal elbow fitting Seahan
41	PU-4064	Silicon Tube 5/16" for hot water
42	CT-2006	O-ring (Black Quartz Sleeve)
43	CT-2002	Quartz Sleeve D310mm for 8W Lamp
44	PU-4100	Gravity Water Level Controller with Wire (F121-BH1-025)
45	PU-4097	Floater ass'y on Gravity Fed
46	PU-4099	Reservoir Cover Seal (Silicon) WITH BIOCOTE

End of Life
Non Eu Countries

At the end of this product's life, please ensure that it is disposed of in an environmentally friendly manner which is in line with your Country requirements/ guidelines.

WEEE (EU ONLY)

Please be aware that our products are covered by the Waste Electrical and Electronic (WEEE) directive (2002/96/EC). The symbol shown above denotes that the product should not be disposed of with general/household waste. Please contact your supplier/service agent who will arrange for the collection and disposal of this product.

ROHS

All Waterlogic machines comply with EC Directive (2002/95/EC) on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electrical Equipment (RoHS).

BIOCOTE® (ANTI-MICROBIAL SOLUTION)

For your added protection this product incorporates BioCote® antimicrobial technology. Silver, in the form of silver ions, is the active ingredient utilised in BioCote®. This silver technology is manufactured into the surface of our products, giving them built-in sustainable antimicrobial protection.
BioCote's silver technology has been tested by an independent laboratory to show its ability to inhibit the growth of bacteria, mould and fungi by up to 99.9% over a 24 hour period and for the duration of the machine life.

FREQUENTLY ASKED QUESTIONS ABOUT BIOCOTE®:

Why use BioCote®? BioCote® will help reduce the risk of cross-contamination. You may not want to think about it, but every surface in the working environment is a potential breeding ground for Bacteria.
How is it applied? BioCote® is applied via an additive into the manufacturing process and will, therefore, be present throughout the moulded or painted parts.
How long will BioCote® last? BioCote® will last for the usual life expectancy of your water dispenser. It will not wear or wash out with use or cleaning.
What bacteria is BioCote® effective against? BioCote® is effective against most common bacteria, moulds and fungi.

Please note:
BioCote® is an additional line of defence to protect between cleaning routines, it is not a replacement for your normal cleaning and sanitisation processes.

Description	110v model	220v model
Width/ Depth/ Height	380*370*1140mm	
Water connection	¼" hose	
Cold water temperature	3 ~ 12°C	
Hot water temperature	83-85°C	
Net weight	26.7kg	
Packed weight	30.58kg	
Power supply	110V	220-240V
Heater	500W	

Speak to a Water Expert

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